

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/089236 A1

(51) International Patent Classification⁷: **A61C 5/00**

(21) International Application Number:
PCT/IS2004/000002

(22) International Filing Date: 2 February 2004 (02.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
6777 10 April 2003 (10.04.2003) IS

(71) Applicant (for all designated States except US): **GLOBODENT EHF** [IS/IS]; Hofsbót 4, IS-600 Akureyri (IS).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JONSSON, Egill** [IS/IS]; Stóragarði 17, IS-600 Akureyri (IS).

(74) Agent: **A & P ARNASON**; Efstaleiti 5, IS-103 Reykjavík (IS).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

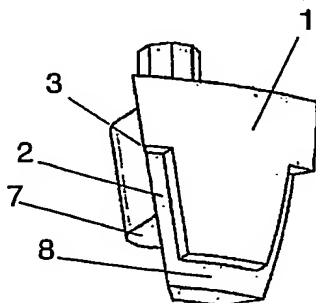
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **INSERTS FOR TOOTH REPAIR**



(57) Abstract: A pre-formed tooth insert is provided for insertion in a prepared cavity in a tooth, particularly suitable for cavities accurately prepared to match pre-formed inserts. The insert has at least one surface (1) that remains exposed when the insert is placed in the prepared cavity, a contact surface (5) in continuation of the exposed surface(s) (1), which contact surface comes in contact with the inner surface of the prepared cavity when the insert is placed in the cavity, said contact surface forming substantially vertical edges at the junction with said exposed surface, said edges having an inclination or groove (2) along at least a portion of the edge such that when said insert is placed in said cavity the inclination or groove (2) is located at the junction between the exposed surface and an adjacent outer surface of the tooth, allowing insertion of shapable cement material to form essentially a continuous surface.

WO 2004/089236 A1